

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Bradley L. Todd et al.)	
)	
)	Art Unit: unknown
)	
Serial No.:	unknown)	
)	
Filed:	concurrently herewith)	Examiner: Unknown
)	
For:	BIODEGRADABLE DOWNHOLE TOOL)	

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent No. 6,681,856 B1 issued January 27, 2004 to Jiten Chatterji et al.

U.S. Patent No. 6,667,279 B1 issued December 23, 2003 to James E. Hessert et al.

U.S. Patent No. 6,666,275 B2 issued December 23, 2003 to Kenneth G. Neal et al.

U.S. Patent No. 6,655,459 B2 issued December 2, 2003 to Alexander C. Mackay.

U.S. Patent No. 6,599,863 B1 issued July 29, 2003 to Bentley J. Palmer et al.

U.S. Patent No. 6,554,071 B2 issued April 29, 2003 to Baireddy R. Reddy et al.

U.S. Patent No. 6,527,051 B1 issued March 4, 2003 to Baireddy R. Reddy et al.

U.S. Patent No. 6,494,263 B2 issued December 17, 2002 to Bradley L. Todd.

U.S. Patent No. 6,481,497 B2 issued November 19, 2002 to Loren C. Swor et al.

U.S. Patent No. 6,444,316 B1 issued September 3, 2002 to Baireddy R. Reddy et al.

U.S. Patent No. 6,422,314 B1 issued July 23, 2002 to Bradley L. Todd et al.

U.S. Patent No. 6,391,185 B1 issued May 28, 2002 to Vernon G. Constien.

U.S. Patent No. 6,378,606 B1 issued April 30, 2002 to Loren C. Swor et al.

U.S. Patent No. 6,328,105 B1 issued December 11, 2001 to Donald E. Betzold.

U.S. Patent No. 6,318,460 B1 issued November 20, 2001 to Loren C. Swor et al.

U.S. Patent No. 6,220,349 B1 issued April 24, 2001 to Gregory W. Vargus et al.

U.S. Patent No. 6,218,343 B1 issued April 17, 2001 to Boyce D. Burts, Jr.

U.S. Patent No. 6,209,646 B1 issued April 3, 2001 to Baireddy R. Reddy et al.

U.S. Patent No. 6,161,622 issued December 19, 2000 to Ewan O. Robb et al.

U.S. Patent No. 6,121,117 issued September 19, 2000 to Nobuhido Sato et al.

U.S. Patent No. 5,990,051 issued November 23, 1999 to Noel D. Ischy et al.

U.S. Patent No. 5,984,007 issued November 16, 1999 to Yushen Yuan et al.

U.S. Patent No. 5,839,515 issued November 24, 1998 to Yusheng Yuan et al.

U.S. Patent No. 5,765,641 issued June 16, 1998 to Perry C Shy et al.

U.S. Patent No. 5,701,959 issued December 30, 1997 to Donald F. Hushbeck et al.

U.S. Patent No. 5,689,085 issued November 18, 1997 to Wayne G. Turner.

U.S. Patent No. 5,685,372 issued November 11, 1997 to John C. Gano.

U.S. Patent No. 5,540,279 issued July 30, 1996 to Alton L. Branch et al.

U.S. Patent No. 5,479,986 issued January 2, 1996 to John C. Gano et al.

U.S. Patent No. 5,439,059 issued August 8, 1995 to Phillip C. Harris et al.

U.S. Patent No. 5,390,737 issued February 21, 1995 to Ricky D. Jacobi et al.

U.S. Patent No. 5,271,468 issued December 21, 1993 to Steven G. Streich et al.

U.S. Patent No. 5,131,472 issued July 21, 1992 to John M. Dees et al.

U.S. Patent No. 4,986,355 issued January 22, 1991 to Burton M. Casad et al.
U.S. Patent No. 4,986,353 issued January 2, 1991 to Charles R. Clark et al.
U.S. Patent No. 4,957,165 issued September 18, 1990 to Lisa A. Cantu et al.
U.S. Patent No. 4,848,467 issued July 18, 1989 to Lisa A. Cantu et al.
U.S. Patent No. 4,715,967 issued December 29, 1987 to Harold E. Bellis et al.
U.S. Patent No. 4,417,989 issued November 29, 1983 to Walter D. Hunter.
U.S. Patent No. 4,387,769 issued June 14, 1983 to Steven R. Erbstoesser et al.
U.S. Patent No. 4,187,909 issued February 12, 1980 to Steven R. Erbstoesser.
U.S. Patent No. 3,960,736 issued June 1, 1976 to Dustin L. Free et al.
U.S. Patent No. 6,323,307 B1 issued November 27, 2001 to Donald M. Bigg et al.
U.S. Patent No. 5,216,050 issued June 1, 1993 to Richard G. Sinclair.
U.S. Patent No. 3,912,692 issued October 14, 1975 to Donald J. Casey et al.
U.S. Patent No. 2,703,316 issued March 1, 1955 to Allan K. Schneider.
U.S. Patent No. 5,294,469 issued March 15, 1994 to Kazuhika Suzuki et al.
U.S. Patent No. 4,743,257 issued May 10, 1988 to Pertti Tormala et al.

UNITED STATES PATENT APPLICATION PUBLICATIONS

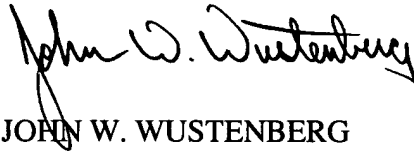
United States Patent Application Publication No. US 2003/0213601 A1 published
November 20, 2003 to Kenneth L. Schwendemann et al.

OTHER MATERIAL

Patent Application entitled "Biodegradable Downhole Tools", by Bradley L. Todd et al.,
filed concurrently herewith.

Form PTO-1449 is submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John W. Wustenberg". The signature is fluid and cursive, with the first name "John" being more prominent.

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580-251-3782

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	N/A
				Filing Date	Herewith
				First Named Inventor	Bradley L. Todd
				Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	4	Attorney Docket Number	HES 2003-IP-012174U1

U.S. PATENT DOCUMENTS					
Examiner's Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US- 6,681,856	01-27-2004	Chatterji et al.	
	AB	US- 6,667,279	12-23-2003	Hessert et al.	
	AC	US- 6,666,275	12-23-2003	Neal et al.	
	AD	US- 6,655,459	12-02-2003	Mackay	
	AE	US- 6,599,863	07-29-2003	Palmer et al.	
	AF	US- 6,554,071	04-29-2003	Reddy et al.	
	AG	US- 6,527,051	03-04-2003	Reddy et al.	
	AH	US- 6,494,263	12-17-2002	Todd	
	AI	US- 6,481,497	11-19-2002	Swor et al.	
	AJ	US- 6,444,316	09-03-2002	Reddy et al.	
	AK	US- 6,422,314	07-23-2002	Todd et al.	
	AL	US- 6,394,185	05-28-2002	Constien	
	AM	US- 6,378,606	04-30-2002	Swor et al.	
	AN	US- 6,328,105	12-11-2001	Betzold	
	AO	US- 6,318,460	11-20-2001	Swor et al.	
	AP	US- 6,220,349	04-24-2001	Vargus et al.	
	AQ	US- 6,218,343	04-17-2001	Burts, Jr.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		County Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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	AR	US- 6,209,646	04-03-2001	Reddy et al.	
	AS	US- 6,161,622	12-19-2000	Robb et al.	
	AT	US- 6,102,117	08-15-2000	Swor et al.	
	AU	US- 5,990,051	11-23-1999	Ischy et al.	
	AV	US- 5,984,007	11-16-1999	Yuan et al.	
	AW	US- 5,839,515	11-24-1998	Yuan et al.	
	AX	US- 5,765,641	06-16-1998	Shy et al.	
	AY	US- 5,701,959	12-30-1997	Hushbeck et al.	
	AZ	US- 5,689,085	11-18-1997	Turner	
	BA	US- 5,685,372	11-11-1997	Gano	
	BB	US- 5,540,279	07-30-1996	Branch et al.	
	BC	US- 5,479,986	01-02-1996	Gano et al.	
	BD	US- 5,439,059	08-08-1995	Harris et al.	
	BE	US- 5,390,737	02-21-1995	Jacobi et al.	
	BF	US- 5,271,468	12-21-1993	Streich et al.	
	BG	US- 5,224,540	07-06-1993	Streich et al.	
	BH	US- 5,131,472	07-21-1992	Dees et al.	

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	BI	US- 4,986,355	01-22-1991	Casad et al.	
	BJ	US- 4,986,353	01-22-1991	Clark et al.	
	BK	US- 4,957,165	09-18-1990	Cantu et al.	
	BL	US- 4,848,467	07-18-1989	Cantu et al.	
	BM	US- 4,715,967	12-29-1987	Bellis et al.	
	BN	US- 4,417,989	11-29-1983	Hunter	
	BO	US- 4,387,769	06-14-1983	Erbstoesser et al.	
	BP	US- 4,187,909	02-12-1980	Erbstoesser	
	BQ	US- 3,960,736	06-01-1976	Free et al.	
	BR	US- 6,323,307 B1	11-27-2001	Bigg et al.	
	BS	US- 5,216,050	06-01-1993	Sinclair	
	BT	US- 3,912,692	10-14-75	Casey et al.	
	BU	US- 2,703,316	03-01-55	Schneider	
	BV	US- 5,294,469	03-15-94	Suzuki et al.	
	BW	US- 4,743,257	05-10-88	Tormala et al.	
	BX	US- US 2003/0213601 A1	11-20-2003	Schwendemann et al.	
		US-			

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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012174U1	SERIAL NO. unknown
	APPLICANT Bradley L. Todd et al.	
	FILING DATE concurrently herewith	GROUP unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Patent application entitled "Biodegradable Downhole Tools," by Bradley T. Todd, filed concurrently herewith.
	AS		
	AT		

EXAMINER

DATE CONSIDERED

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